

**OPINION 2157 (Case 3309)*****Rosacea* Quoy & Gaimard, 1827: usage conserved; *Desmophyes annectens* Haeckel, 1888 and *Rosacea plicata* Bigelow, 1911: conserved (Cnidaria, Siphonophora)**

**Abstract.** The Commission has ruled that the usage of the generic name *Rosacea* Quoy & Gaimard, 1827 is conserved by the designation of *R. plicata* Bigelow, 1911 as its type species, and the names *Desmophyes annectens* Haeckel, 1888 and *Rosacea plicata* Bigelow, 1911 are conserved for two widely distributed species of calycophan prajid siphonophores.

**Keywords.** Nomenclature: taxonomy; Cnidaria: Siphonophora; PRAYIDAE; *Desmophyes*; *Rosacea*; *Desmophyes annectens*; *Rosacea plicata*; calycophan prajid siphonophores.

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**Ruling**

- (1) Under the plenary power it is hereby ruled that:
  - (a) the name *plicata* Quoy & Gaimard, 1827, as published in the binomen *Rosacea plicata*, and all uses of the name before that by Bigelow (1911) are suppressed for the purposes of both the Principle of Priority and the Principle of Homonymy;
  - (b) all previous fixations of type species for the nominal genus *Rosacea* Quoy & Gaimard, 1827 are set aside and *Rosacea plicata* Bigelow, 1911 is designated as the type species.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
  - (a) *Desmophyes* Haeckel, 1888 (gender: masculine), type species by monotypy *Desmophyes annectens* Haeckel, 1888;
  - (b) *Rosacea* Quoy & Gaimard, 1827 (gender: feminine), type species by designation in (1)(b) above *Rosacea plicata* Bigelow, 1911.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
  - (a) *annectens* Haeckel, 1888, as published in the binomen *Desmophyes annectens* (specific name of the type species of *Desmophyes* Haeckel, 1888);
  - (b) *plicata* Bigelow, 1911, as published in the binomen *Rosacea plicata* and defined by the lectotype, designated as a neotype by Pugh & Harbison (1987), registered as BMNH Reg. No. 1939.6.10.1 in the Natural History Museum, London (specific name of the type species of *Rosacea* Quoy & Gaimard, 1827).
- (4) The name *plicata* Quoy & Gaimard, 1827, as published in the binomen *Rosacea plicata*, is hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology (suppressed in (1)(a) above).

### History of Case 3309

An application to conserve the usage of the generic name *Rosacea* Quoy & Gaimard, 1827 by the designation of *R. plicata* Bigelow, 1911 as its type species, and to conserve the names *Desmophyes annectens* Haeckel, 1888 and *Rosacea plicata* Bigelow, 1911 was received from Gillian M. Mapstone (*Natural History Museum, London SW7 5BD, U.K.*) and Philip R. Pugh (*National Oceanography Centre, European Way, Southampton SO14 3ZH, U.K.*) on 19 December 2003. After correspondence the case was published in BZN 61: 149–153 (September 2004). The title, abstract and keywords of the case were published on the Commission's website. A comment in support of the application was published in BZN 62: 84.

### Decision of the Commission

On 1 September 2005 the members of the Commission were invited to vote on the proposals published in BZN 61: 151. At the close of the voting period on 1 December 2005 the votes were as follows:

Affirmative votes: – 14: Bock, Brothers, Fortey, Halliday, Macpherson, Mahnert, Mawatari, Minelli, Ng, Nielsen, Papp, Rosenberg, Song and van Tol.

Negative votes: – 6: Alonso-Zarazaga, Bouchet, Calder, Lamas, Patterson and Štys.

Kerzhner abstained.

Voting against, Alonso-Zarazaga, Bouchet, Lamas and Štys considered that *Rosacea plicata* Bigelow, 1911 should be regarded as a misidentification of *Rosacea plicata* Quoy & Gaimard, 1827 rather than a new name. Alonso-Zarazaga pointed out that the gender of the genus *Desmophyes* Haeckel, 1888 should be treated as masculine rather than feminine.

### Original references

The following are the original references to the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:

*annectens*, *Desmophyes*, Haeckel, 1888, *Report on the scientific results of the voyage of H.M.S. Challenger during the years 1872–76*, *Zoology*, 28: 170.

*Desmophyes* Haeckel, 1888, *Jenaische Zeitschrift für Naturwissenschaft*, 22: 36.

*plicata*, *Rosacea*, Bigelow, 1911, *Transactions of the Linnean Society of London*, Series 2, *Zoology*, 10(10): 201–203.

*plicata*, *Rosacea*, Quoy & Gaimard, 1827, *Annales des Sciences Naturelles* (Series 1), 10: 177.

*Rosacea* Quoy & Gaimard, 1827, *Annales des Sciences Naturelles* (Series 1), 10: 176–177.

The following is the reference for the designation of a lectotype (originally as a neotype) for *Rosacea plicata* Bigelow, 1911:

Pugh, P.R. & Harbison, G.R. 1987. *Bulletin of Marine Science*, 41(1): 86.